

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(375/219,222,257,or "356".ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 07:54
S2	8109	(375/219,222,257,356.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 07:54
S3	185	S2 and (slave\$1 with master same (timing or synchroniz\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 07:54
S4	59	S3 and (transmit\$5 or send\$3) near4 (tim\$3 near3 (signal\$1 or pulse\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 07:55
S5	0	slave\$1 with (tim\$3 or synch \$10) same (frame\$1 near3 "same or one")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:38
S6	6857	slave\$1 near3 (number\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:38
S7	1290	slave\$1 near3 (number\$1) with (tim\$3 or synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:38
S8	1165	S7 and master\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:38
S9	0	S8 and 375/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:38

S10	22	S8 and 375/222,257,356.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/11/20 08:39
S11	0	("2009/0279652").URPN.	USPAT	ADJ	OFF	2009/11/20 08:39
S12	15	S10 and (slave\$1 same (receiv\$3 or reception))	USPAT	ADJ	OFF	2009/11/20 08:44
S13	14	S10 and (slave\$1 with (receiv\$3 or reception))	USPAT	ADJ	OFF	2009/11/20 08:44
S14	13	S10 and (slave\$1 with (receiv\$3 or reception) same (tim\$3))	USPAT	ADJ	OFF	2009/11/20 08:45
S15	171	(slave\$1 with (receiv\$3 or reception) same (tim\$3)) and (prevent\$3 or control\$4) WITH (OVERLAP\$3)	USPAT	ADJ	OFF	2009/11/20 09:09
S16	303	(slave\$1 with (receiv\$3 or reception) same (tim\$3)) and (prevent\$3 or control\$4) WITH (OVERLAP\$4)	USPAT	ADJ	OFF	2009/11/20 09:10
S17	6	S16 AND MASTER\$1 SAME (AC)	USPAT	ADJ	OFF	2009/11/20 09:10
S18	94	S16 AND MASTER\$1 NEAR3 (REFERENCE\$1 OR CONTROL OR TIMING) NEAR3 (SIGNAL\$1 OR PULSE\$1)	USPAT	ADJ	OFF	2009/11/20 09:13
S19	3	S18 AND 375/219,222,257,356. CCLS.	USPAT	ADJ	OFF	2009/11/20 09:13
S20	16	(PREVENT\$3) NEAR3 (OVERLAP\$4) AND SLAVE\$1.AB.	USPAT	ADJ	OFF	2009/11/20 09:17
S21	13	("20030161411"   "20050100077"   "20060103535"   "20070139253"   "20080103645"   "5809060"   "5866838"   "6069584"   "6520448"   "7183967"   "7298312"   "7339955"   "7403576").PN. OR ("7515091"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:23
S22	1	"5038140".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:36
S23	147	(AC near3 voltage or current) same (reference signal\$1) same (master and slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:40
S24	34	S23 and master with (reference\$1) near3 (slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:40
S25	21	S24 and synchroniz\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:40
S26	1	(AC near3 voltage) same (reference signal\$1) same (master and slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:42

S27	5	"6784790"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:44
S28	0	(AC current) same (master near3 slave\$1) with (reference signal\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:51
S29	0	(AC current) same (master near3 slave\$1) same (reference signal\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:51
S30	0	(AC current) same (master and slave\$1) same (reference signal \$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:51
S31	4	(AC current) and (master and slave\$1) same (reference signal \$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:51
S32	19	phase lock\$3 same (master\$1) near4 (plurality near3 slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:52
S33	0	S32 and AC current	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:52
S34	0	S33 and AC	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:52
S35	3	S32 and AC	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:53
S36	1	"6784790".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 09:58
S37	39265	(AC with reference\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:06
S38	0	(AC with reference\$1 signal) near3 (master\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:06
S39	15	(AC with reference\$1 signal) same (master\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:06
S40	4251	master same (plurality near3 slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:13
S41	4	S40 and reference signal\$1 near3 (AC)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:13
S42	615	master near3 (periodic\$3 or interval\$3) with (signal\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:19
S43	691	master near3 (periodic\$3 or interval\$3) with (signal\$1 or reference)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:19
S44	7	S43 with (plurality near3 slave \$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:19
S45	259	master same (reference\$1) with (plurality near3 slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:21
S46	166	S45 and (AC or voltage\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:21
S47	1	S46 and reference signal near3 AC	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:21
S48	24543	zero crossing	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:24

S49	23	zero crossing same (master\$1 near3 reference)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:24
S50	15	S49 and AC	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:24
S51	0	S50 and slave\$1 near3 (time period or timeslot\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:24
S52	0	S50 and slave\$1	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:25
S53	0	S50 and time near3 slot\$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:25
S54	135835	data collect\$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:26
S55	37	data collect\$3 near3 (master\$1 and slave\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:26
S56	14	S55 and references	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:26
S57	1	S55 and reference signal	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:27
S58	0	S57 and AC	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:29
S59	0	"602113.pn.7"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:32
S60	0	"602113.pn."	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:32
S61	0	"6021137.pn."	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:32
S62	5	"6021137"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/11/20 10:34
S63	0	("2007/0121675").URPN.	USPAT	ADJ	OFF	2009/11/20 10:38
S64	44	(oscillator\$1 or source\$1) near3 (transmit\$5 or send\$3) reference \$1 signal	USPAT	ADJ	OFF	2009/11/20 10:47
S65	0	S64 and data collect\$5	USPAT	ADJ	OFF	2009/11/20 10:48
S66	0	S64 and data collection	USPAT	ADJ	OFF	2009/11/20 10:48
S67	25719	data collection\$1	USPAT	ADJ	OFF	2009/11/20 10:48
S68	149	data collection\$1 near3 (electrical)	USPAT	ADJ	OFF	2009/11/20 10:48
S69	0	S68 and AC near3 (reference)	USPAT	ADJ	OFF	2009/11/20 10:49
S70	5	S68 and reference signal	USPAT	ADJ	OFF	2009/11/20 10:49
S71	0	S70 and AC	USPAT	ADJ	OFF	2009/11/20 10:49
S72	84	data collection and plurality same master.ab.	USPAT	ADJ	OFF	2009/11/20 10:49

S73	0	S72 and prevent\$3 overlap\$5	USPAT	ADJ	OFF	2009/11/20 10:49
S74	3032	(data collect\$5 ).ab.	USPAT	ADJ	OFF	2009/11/20 10:50
S75	0	(data collect\$5 ) same AC current.ab.	USPAT	ADJ	OFF	2009/11/20 10:50
S76	10	(data collect\$5 ) same AC.ab.	USPAT	ADJ	OFF	2009/11/20 10:50
S77	7	S76 and plurality	USPAT	ADJ	OFF	2009/11/20 10:50
S78	2296	oscillator\$1 near4 AC	USPAT	ADJ	OFF	2009/11/20 11:16
S79	440	oscillator\$1 near4 AC same reference	USPAT	ADJ	OFF	2009/11/20 11:16
S80	67	oscillator\$1 near4 AC same reference signal	USPAT	ADJ	OFF	2009/11/20 11:16
S81	56354	S80 and "370".clas. or "375". clas.	USPAT	ADJ	OFF	2009/11/20 11:16
S82	1	S80 and ("370".clas. or "375". clas.)	USPAT	ADJ	OFF	2009/11/20 11:16
S83	16	AC current oscillator\$1	USPAT	ADJ	OFF	2009/11/20 11:21
S84	0	AC current oscillator\$1 same phase lock\$3	USPAT	ADJ	OFF	2009/11/20 11:21

### EAST Search History (Interference)

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**11 / 20 / 2009 12:26:20 PM**

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